

SURFKOAT.

Surface Koatings, Inc.
Manufacturers of Industrial and Decorative Concrete Materials

INFUSION 44™

water based epoxy infused acrylic concrete sealer

DECORATIVE CONCRETE SEALERS



Infusion 44 is a non-yellowing, water based epoxy-acrylic designed for interior concrete sealing applications. Infusion 44 is a penetrating, breathable coating that provides a satin or low gloss finish to a multitude of interior horizontal or vertical concrete. Infusion 44 is self-crosslinking, which provides better film formation, early water resistance, adhesion, toughness and outstanding efflorescence and alkali resistance. Infusion 44 provides enhanced performance over traditional acrylics with better flexibility, chemical resistance, non-blushing, adhesion, durability and hot tire resistance.



Specifications / Compliances

- Dried coating is USDA accepted
- Meets OTC, CARB, LADCO & SCAQMD VOC restrictions.

Key Features & Typical Benefits

- Epoxy infused acrylic formulation gives this product a tough and very durable finish.
- Excellent penetration and adhesion to clean, unsealed new or old concrete.
- Deep penetrating and ultra low viscosity formula allows for easy application through sprayers.
- Superior efflorescence and alkali resistance compared to common solvent based acrylic sealers.
- VOC compliant for most areas in the United States and Canada.

Recommended Applications

Effective on applications such as...

- Stamped Concrete
- Stenciled Concrete
- Acid Stained Concrete
- Overlaid/Microtopped Concrete
- Smooth Trowel Concrete
- Most other new or existing concrete surfaces where a low odor, durable sealer is required.

Typical Properties & Technical Information

PROPERTY	VALUE
Solids/Active Content, Percentage by weight	18% +/- 1%
Dry Time	1 - 2 hours
Dry Time - Foot Traffic	4 hours - 6 hours
Dry Time - Heavy Traffic	24 hours - 48 hours
Re-Coat Time Window	4 hours - 24 hours
Application Temperature	50° F - 80° F
VOC (Volatile Organic Compound) Content	Less than 100 grams/Liter
Appearance - Wet	Milky White
Appearance - Dry	Clear and Satin Gloss

Information above is based on lab temperatures of 70° - 72°F at 50% RH. Using this product outside these conditions may affect the accuracy of the information above. Always test prior to use!

ALWAYS REFER TO SDS & READ FULL TECH DATA SHEET AND WARRANTY INFORMATION PRIOR TO USE.

FOR PROFESSIONAL USE ONLY

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Infusion 44

Application Instructions

SURFACE PREP: Concrete surface must be clean and free of all contaminants and water. Do not apply if rain is forecast within 24 hours. If moisture is present or if the surface is not clean and free of all contaminants, the sealer may have white spots and have premature delamination and failure. May be applied when damp (not "wet") to freshly placed concrete surfaces as a cure & seal. Horizontal surfaces must be finished and show no "sheen" from bleed water.

Substrate and air temperature must be no less than 40° F and not exceed 80° F. If applied outside these limits the sealer may not achieve adequate film formation and may have excessive air entrapment, bubbles, blushing or hazing. Note that in direct sunlight, substrate temperature can exceed 150° F which can cause extreme bubbling issues.

MIXING: Stir well before using. Material may separate during long term storage.

COVERAGE RATE: *First Coat* : 250 - 350 ft² per gallon* *Optional Second Coat* : 350 - 400 ft² per gallon*

*Coverage rates may vary depending upon surface porosity, texture, application method and prior sealer application. Excessive build up should be avoided.

APPLICATION: Apply using a 3/8" – 1/2" nap roller cover using long even uniform strokes at approximately 250-400 square feet per gallon depending on porosity and texture of substrate. A hand held pump up style sprayer may be used as well (back rolling may be necessary when spraying). Do not allow to Puddle! Thick or puddle areas may prevent the water from evaporating and may be susceptible to moisture intrusion which may cause milky white spots. Applying too thin may cause sealer to prematurely delaminate, flake or wear away. Allow sealer to dry for 24 hours for light traffic and at least 48 hours for heavy traffic. If applying two coats, wait approximately 4 – 6 hours between coats.

Caution: During application, it is very important to back roll to ensure that excess material has been pulled out of low lying areas. Failure to remove excess material from low lying areas may result in improper film formation and/or white spots.

PLEASE NOTE: It is always recommended to test the product in a small, inconspicuous area (on the same concrete substrate) for desired results prior to application. Coverage rates may vary for all coatings and substrates depending on porosity, density, texture etc. When applying, do not exceed 400 sq. ft. per gallon. Applying too thin of a coating may cause inadequate film formation or performance expectations may be limited. **DO NOT USE ON BRICK.**

Precautions and Limitations

- This product will freeze during storage. Store at temperatures above 40°F.
- All HVAC ventilation ducts should be somehow blocked prior to application so solvent fumes are not distributed.
- If using indoor, use proper ventilation while applying and for hours after application to ensure fumes are removed.
- It is not recommended to apply product over carpet, tile, or other types of floor adhesives.
- This product performs best when applied as one or two medium-light coats, not one heavy coat.
- Please be aware that this product when cured may be slippery when wet.
- This product is not resistant to brake fluid, gasoline, and many similar products.
- It is not recommended to thin product. Improper thinning may cause sealer to delaminate in a short time frame.
- This product may darken the surface of many new and existing concrete slabs. Test prior to use.
- Do not allow this product to be subjected to any form of rain or moisture for 18-24 hours after application.

CLEAN-UP: Use soap and warm water. Dispose of containers in accordance with local, state and federal regulations.

PRODUCT REMOVAL: Dried, cured sealer may be removed with a commercial paint stripper, such as *Nock-Off* or by using a diamond grinding method, sandblasting method or similar mechanical action.

SHELF LIFE: Up to one year from manufacture date in its original, unopened container stored at room temperature.

PACKAGING: Available in 1 gallon, 5 gallon and 55 gallon containers.

Always read all technical information, label and SDS prior to use. This information can be found online or by calling customer service at the number below.